

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1

of

1

**Complete if Known**

Application Number	10/585,296
Filing Date	July 6, 2006
First Named Inventor	MAYUMI et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	MAYUMI-4

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-5,422,104	06-06-1995	HOFFMANN-LA ROCHE INC.	Fiers, et al.
	AB	US-5,486,463	01-23-1996	HOFFMANN-LA ROCHE INC.	Lesslauer, et al.
		US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	AC	JP 6-256395	09-13-1994	KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO		
	AD	JP 7-285997	10-31-1995	HOFFMANN-LA ROCHE INC.		
	AE	EP 1354893 A2	10-22-2003	KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO		
	AF	EP 0247860 A2	12-02-1987	CETUS CORPORATION		
	AG	JP 62-289522	12-16-1987	CETUS CORPORATION		

**NON PATENT LITERATURE DOCUMENTS / OTHER INFORMATION**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	AH	VAN OSTADE et al., Localization of the active site of human tumour necrosis factor (hTNF) by mutational analysis, <i>The EMBO Journal</i> , 10(4)827-836 (1991)	
	AI	ZHANG et al., Site-directed mutational analysis of human tumor necrosis factor- $\alpha$ receptor binding site and structure-functional relationship, <i>The Journal of Biological Chemistry</i> , 267(33)24069-24075 (1992)	
	AJ	LOETSCHER et al., Human tumor necrosis factor $\alpha$ (TNF $\alpha$ ) mutants with exclusive specificity for the 55-kDa or 75 kDa TNF receptors, <i>The Journal of Biological Chemistry</i> , 268(35)26350-26357 (1993)	

Examiner  
Signature

/Prema Mertz/

Date  
Considered

12/01/2010

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.M./

Corresponding

Change(s) applied  
to document,  
/M.I.G./  
5/18/2011